



PRESIDENT'S NOTES

by Anne Savery, President, AWRA Washington Section

The Washington Section of the AWRA is hosting its annual conference November 13 at the Downtown Seattle Art Museum. Our conference co-chairs Paul Wetherbee and Cindy Baker have worked to maintain the excellent location, high quality and low cost of our conference, despite the rising costs of venues and amenities. This year, we are placing a focus on networking opportunities; offering breaks throughout the day for conference attendees to catch up with colleagues and to meet new ones. The AWRA Board will be honoring an Outstanding Member of our water resources community with a plaque and a \$500 donation to a water-related nonprofit of his/her choice. Additionally, the Washington Section provides two \$1,500 scholarships on a competitive basis to undergraduate and graduate students in a water related field. Finally, we will be electing Board Members for 2004. We have seven vacancies this year and are looking for nominations. If you have a potential and willing nominee please contact any current Board member.

This year's conference topic is WATER'S WOVEN WEB - Water Resource Management and Land Use Planning in Washington. There is a complex system of regulations under which water resource planning and land use planning are carried out: the Growth Management Act (GMA), the Shorelines Management Act (SMA), the Endangered Species Act (ESA), Public Water Systems Planning (WSPs), the Safe Drinking Water Act, and Legislative 'fixes'. The concept of the conference is to position GMA as the central part of the 'web' of land use planning regulation that effects water resources in the natural and built environment. The other abovementioned regulations 'radiate' out from the center of the web, and in both discrete and interconnected ways, affect the water resources of our state. Collectively, our invited speakers will help to 'weave' this web by examining the use of best available science in developing critical areas ordinances, describing alternative land use planning measures taken by a Tribal agency, discussing the process of developing utility funding and explaining how water systems plans link to GMA.

The GMA requires state and local governments to manage Washington's population growth by identifying and protecting critical areas and natural resource lands, designating urban growth areas, preparing comprehensive plans and implementing them through capital investments and development regulations. There are 29 counties fully planning under GMA and currently, many of them are undergoing Comprehensive Plan updates. While public participation in GMA planning is mandated, citizens cannot challenge county wide planning policies, only cities and other governmental agencies. To handle challenges, three Growth Management Hearings Boards were created to handle appeals arising from the implementation of the Growth Management Act. Recently, Governor Gary Locke instructed the state Department of Community, Trade and Development to file a petition for challenge of two Snohomish County policies to expand urban growth boundaries.

We are looking forward to an informative and interesting conference. This year's schedule has been designed to allow for adequate time for questions and answers between the audience and each speaker. This change will allow for conference attendees to explore issues that are raised during talks and will provide for the important exchange between the audience and speakers. We hope that you are intrigued by the conference topic and format and are looking forward to seeing you on the 13th. As always, your next year's Washington Section Membership is included in the price of the conference. ☺

American Water Resources Association, Washington Section's 2003 Annual Conference – 11/13/03 Water's Woven Web: Water Resource Management in Land Use Planning in Washington State

Water plays a vital role in the economic and social development of Washington State. The 2003 Washington Section American Water Resources Association annual conference will explore the intertwined web of water resource management and land use planning in Washington. The conference features multi-disciplinary speakers addressing water resource management and how it is implemented under the Growth Management Act, the Shoreline Management Act, Public Water System Planning, the Safe Drinking Water Act, and the Endangered Species Act.

Drawing on speakers from public, private, and non-governmental sectors, the Conference explores current water resource management and land use issues in the context of the complex regulatory framework currently facing water managers and land developers. The annual conference will provide a broad perspective, using case studies and examples, on the role of water and water resource management within land use planning. Potential attendees of this conference are those looking to gain an overview into technical, financial and policy aspects of water re-

Comprehensive Habitat Based Ecosystem Approach to Watershed Management in the Columbia Basin

Greg Reub, Joel Freudenhal, Bob Rose, and Paul Wagner

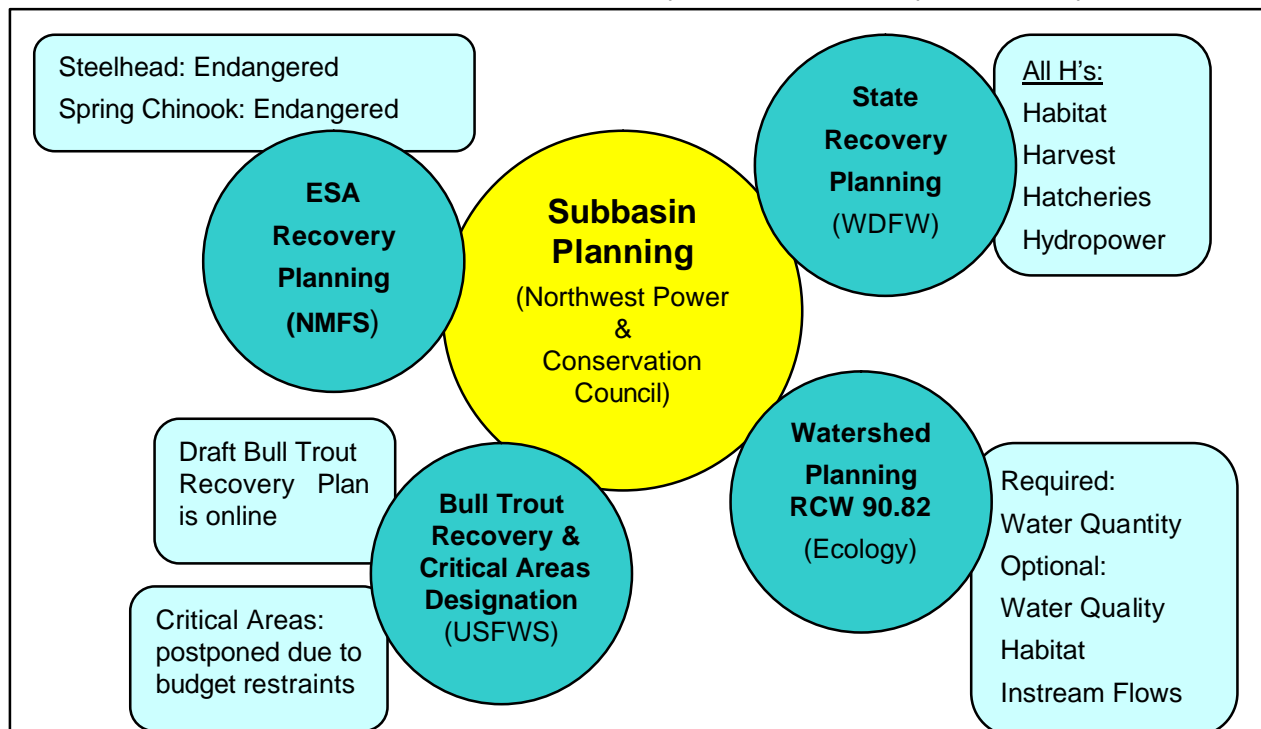
In the last 100 years, the natural productivity of salmon in Oregon, Washington, California, and Idaho has declined by about 80 percent. Most people in the Pacific Northwest are concerned with this century-long decline and have a desire to restore healthy salmon runs. There are many reasons for this concern that range from Native Americans' desire to satisfy commercial, cultural and religious needs, the commercial fisherman who wants to continue a special way-of-life, or others who simply want to avoid regulations that are associated with the Endangered Species Act. The reasons for the decline of salmon populations are complex and rooted as far back as 150 years and the arrival of the Euro-Americans. We have recognized the need to reverse this slide toward extinction for well over 50 years and have made gallant efforts towards restoration with limited success. The solutions for restoration of these populations will involve a long-term endeavor and requires a new fundamental approach.

In his book "Salmon without Rivers", Lichatowich (1999) provides a history of the salmon population decline in the Pacific Northwest, the fundamental reason for our salmon problem today and why a new approach or vision is required to rebuild salmon populations. He believes that salmon restoration efforts to date have largely failed because they are derived from the same worldview that created the problem; a vision based on flawed assumptions and unchallenged myths. That vision was based on the assumption that we could control the biological productivity of salmon and assumed we could have salmon without ecologically functioning river systems.

We assumed that the natural limits of ecosystems were irrelevant because people could circumvent them through technology and that our economic activities (e.g., logging, mining, and harvest of the fish themselves) were unrelated to the ecological processes that produced fish. Restoration efforts designed to restore the salmon productivity of the Columbia Basin therefore focused on technological fixes (hatcheries, passage, transport) to increase salmon abundance, and not ecosystem or natural history of the species in question. The historic relationship between people and the salmon over the last 150 years, as described by Lichatowich, does not portray an optimistic future. He does cite hopeful signs of changes in the fundamental approach to salmon restoration that includes one that is in harmony with the complex ecosystems of the Pacific Northwest.

Recent activities in the Columbia River basin are adding to those helpful signs. The Upper Columbia Salmon Recovery Board (Board), local, state, federal and tribal entities and other interested stakeholders are working together with Northwest Power and Conservation Council (NPCC) Subbasin Planning and Washington State Salmon Recovery (state) Processes. These two processes are fundamentally distinct in their scopes, but similar in their goals and the planning processes. Both processes include an scientific and ecosystem-based approach to restoration.

The NPCC's 2000 Columbia Basin Fish and Wildlife Program outlines a new review and selection process, one that emphasizes the development of local "Subbasin Plans" to guide project funding. These subbasin plans are intended to provide a blueprint for salmonid



recovery efforts in those areas, and to guide the review, selection and funding of projects to carry out the NPCC's program. Subbasin Plans will:

- 1) Identify goals for fish, wildlife and habitat;
- 2) Define objectives that measure progress toward those goals;
- 3) Establish strategies to meet those objectives; and,
- 4) Incorporate much of the existing information related to fish and wildlife activities in a subbasin in a single document.

The plans must be consistent with provisions contained in the Northwest Power Act, and the Northwest Power Planning Council's Fish and Wildlife Program. These plans contain the measures that drive program implementation at the subbasin level. The NPCC's subbasin plans are not intended to duplicate the plans developed or soon to be developed by others, including states, tribes, or the federal government. Planning in each of the subbasins will stem from the information contained in Subbasin Summaries and existing plans and documents.

Washington State Salmon Recovery Model allocates funding to the Washington Department of Fish and Wildlife (WDFW) for development of adopted and ready-to-implement salmon recovery plans at the local or regional scale. Within this allocation, the Washington Legislature directed the WDFW to establish a model for local and regional salmon recovery plans. WDFW has developed this recovery plan model in collaboration with tribes, state agencies, NOAA fisheries, U.S. Fish and Wildlife Service (USFWS), the Northwest Power and Conservation Council (NPCC), and local and regional salmon recovery planning efforts. The Model incorporates the essential elements of a salmon recovery plan, acknowledges the differences in process and goals for a wide array of planning activities, and outlines the ways to economize by achieving multiple planning goals with one planning activity.

In general, both processes have common elements, as development of the state process was highly coordinated with NPCC direction. Much of the initial efforts will focus towards the NPCC process to provide the baseline information required for the: 1) biological assessment; and, 2) inventory of programmatic activities within the subbasins and the logical construct for the actions which are needed for recovery, although critical and unique State considerations will also be addressed. Both of the processes examine the subbasin from a watershed by watershed perspective and require planners to describe how the implementation of these subbasin plans will contribute to the recovery of listed salmonid species. The processes rely on substantial local/public involvement in the development of the plans and have strong overlap in the description of on-going management direction affecting fish resources / ecological processes.



Yakima Salmon: "Remember, it's all about us."

One of the key differences between the processes is the nature of the "final products". The NPCC Subbasin Plan will not necessarily list site-specific projects to be implemented. Rather, the NPCC Subbasin Plan will describe the ecological issues within the context of "desired future conditions" and will prescribe "types" of management strategies (and priority) that should be implemented to achieve these future conditions. In addition to addressing the needs of salmon, the NPCC Subbasin Plan also addresses the ecological needs of resident fish and wildlife within each subbasin. Projects submitted to NPCC for Bonneville Power Administration funding will be considered in light of the recommended management strategies (and the strength of the biological assessment to justify these recommendations). The State Recovery Plan will go beyond the NPCC Subbasin Plan, being definitive and prescriptive towards future projects and management actions. Specifically, the State Model requires planners to provide information (where possible) with regards to questions such as:

- 1) What actions will be implemented through time and geography?
- 2) Who will implement these actions?;
- 3) How much will these actions cost and who will provide the needed funding?;
- 4) How will this plan be enforced?; and,
- 5) How will public education be incorporated into this process? ~

Geg Reub, Fisheries Biologist with ENTRIX Inc, Olympia, WA.

Joel Freudenhal, Fish and Wildlife Biologist, Yakima County Public Works

Bob Rose, Fisheries Biologist with the Yakama Nation

Paul Wagner, Fisheries Biologist with Golder Associates Inc. in Richland, WA.

ENTRIX Inc., Golder Associates Inc. and EcoAIM Inc., have teamed to provide technical support services for sub-basin plans currently in development for 7 of the 63 Columbia River sub-basins.

One Shared Strategy to Restore Puget Sound Salmon Runs

by Jagoda Perich-Anderson, Associate Director, Shared Strategy for Puget Sound

During the heyday of commercial fishing in the Pacific Northwest, the rivers emptying into Puget Sound combined to produce more than 700,000 returning Chinook salmon each year. Salmon and other anadromous fish species have been on the decline in Puget Sound for decades; for more than 150 years, human activity has altered the region's watersheds. The Governor and State Legislature in 1998 and 1999 set the course to keep control over the destiny of our state's natural resources by encouraging local decision-making processes.

Puget Sound is known for finding creative solutions to complex natural resource challenges. In 1999 when Puget Sound Chinook, Hood Canal Summer Chum, and Bull Trout were listed as threatened under the federal Endangered Species Act (ESA), an informal consensus grew among regional leaders, led by former Governor Dan Evans and former EPA Administrator Bill Ruckelshaus, that a new approach to the ESA response was warranted given the complexity of the salmon listings. The Shared Strategy for Puget Sound emerged from those early discussions.

The Shared Strategy is a collaborative initiative to build a cost-effective salmon recovery plan for Puget Sound that has the commitment for implementation from all responsible parties and is endorsed by the people living and working in the region. The regional salmon recovery plan will build upon existing local watershed efforts in Puget Sound. These individual efforts will be combined across Puget Sound at the scale needed by the federal government to fulfill their obligations under the Endangered Species Act.

This initiative has a broad base of support including the participation of key leaders from the federal listing agencies, state agencies, Puget Sound Treaty Tribes, local jurisdictions and business and environmental groups. Shared Strategy is based on the premise that the region can enjoy abundant salmon runs and sustainable growth, and support the timber, fishing, recreation and agricultural economies so important to the region. The Shared Strategy is staffed by the first non-profit ever to contract with Washington and the federal government to draft a species recovery plan.

Shared Strategy is in the third step of a five-step approach to building a region wide recovery plan. Step one outlined the elements of a regional recovery plan. In step two, the federal and state governments and the Puget Sound Treaty Tribes proposed ranges and targets for 22 individual Chinook salmon populations in Puget Sound that would provide local planning groups a measurable outcome to evaluate with local community interests (available at www.sharesalmonstrategy.org). Step three calls for each watershed to identify actions needed to meet those targets and deliver draft chapters for their local area. Step four will involve a regional consensus process to develop regional implementation scenarios for recovery based on the local chapters. Delivering a

draft regional recovery plan is step five and is targeted for June 2005.

As part of step three, the watersheds, technical and policy planners will gather on November 6, 2003 for a preliminary discussion on what it would take to achieve the Chinook and Hood Canal Summer Chum population planning targets and ranges. The purpose of the fall benchmark meeting is to identify technical and policy issues and concerns earlier rather than later and identify ways to address them. At this stage, no one is being asked to make commitments. The intent is to get a cursory look at what it would really take to meet the targets and the associated policy issues meeting the targets will raise. Specifically, planners will provide an initial, qualitative analysis to address the following questions:

- What are the major physical and biological changes necessary for you to achieve your planning targets (viable populations); what are some of the policy implications of those changes?
- How does your answer to question 1 influence your thoughts about what your goal will be?
- What technical and policy questions and issues does your initial analysis raise?

Diverse leadership drives Shared Strategy

Shared Strategy draws from a base of diverse leadership, ranging from volunteers organizing local river restoration efforts, to local elected officials making resources available and building support, to some of Puget Sound's most accomplished and treasured figures. Bill Ruckelshaus continues to lead the Shared Strategy as Chair of the regional policy group, The Development Committee. He also serves as the Chair of the Salmon Recovery Funding Board. Experienced in the failure of an approach in which the federal government makes natural resource decisions and prescribes local actions, Ruckelshaus believes involving local stakeholders in decision making from the outset is the only way to write natural resource policies with a realistic chance of being implemented.

Shared Strategy also enjoys the engaged involvement of Billy Frank Jr., whose unrelenting commitment remains the driving force behind the nationally recognized effort to protect and restore the Nisqually River watershed. Ralph Munro, who recently retired after serving as Washington's beloved Secretary of State for more than 20 years, chairs the Board of Directors.

Through the leadership and contributions from people across Puget Sound, Shared Strategy is on schedule to deliver the regional recovery plan by June 2005. The plan will be based on local efforts as well as a regional consensus process that integrates science and social policy. The plan will also for the first time ensure management of habitat, hatcheries, and harvest complement each other to restore naturally sustainable salmon populations to harvestable levels.~

2003 Board of Director Elections – November 13th, 2003

Immediately following the November 13th AWRA Washington Section Annual Conference, the AWRA Washington Section will be conducting elections for the 2004 Board of Directors. All members are welcome to attend and to nominate other candidates, including themselves, for any of the positions. The 2003 Board of Directors is pleased to present the following candidates:

Executive Directors

President- Joe Mentor - Joe is the Principal Member of the Mentor Law Group, PLLC in Seattle, Washington. Joe concentrates his law practice in the areas of water resources, land use, natural resources development and Indian law. Joe has worked extensively with public agencies, Indian tribes and private companies to achieve their legislative, policy, business and environmental compliance objectives. Joe has extensive experience working on legislative issues both at the federal and state levels. Joe was a primary draftsman for the Columbia River Gorge National Scenic Area Act, the Washington Wilderness Act and amendments to the Federal Power Act, the Clean Air Act and numerous laws applicable to federally-recognized Indian tribes.

Vice President - Carolyn Butchart – Carolyn is a Stormwater specialist with CH2M Hill in their Bellevue Office

Secretary - Tom Martin, P.E. - Tom is a water resources program manager at Battelle with 22 years experience in consulting. He is a registered Professional Engineer in Washington and Maine concentrating in hydrology, hydraulics and water quality. Tom received a B.S. from the University of Vermont and a Certificate of Advance Studies from Harvard. He spent the first half of his career in New England, working on hydropower and salmon recovery, groundwater and surface water modeling, developing environmental information systems. Since moving to the Northwest in 1991, Tom has worked on a wide variety western water issues, including water rights, ground-surface water interactions, watershed and reservoir management, river naturalization, water modeling, and once again, salmon recovery. Tom has always been a baseball fan. Life here has inspired him to brew, garden and bike; to read history and learn foreign languages; to participate in local citizen groups; and to raise a family.

Newsletter Editor – Sandra Maunz – Sandra is an Environmental Planner with Golder Associates in Redmond. She has a Masters degree in Ecology from the University of North Carolina and a B.A. in Environmental Science from the University of Virginia. She has experience working with Watershed Planning in Washington; environmental planning and policy analysis; and watershed assessment. Sandra enjoys whitewater kayaking, hiking and running.

Treasurer - Scott Bender - Scott is the Principal of Bender Consulting, LLC in Kirkland, Washington and is a hydrogeologist with over 18 years of experience in groundwater and surface water hydrology. He has a Masters degree in Hydrogeology from the University of Idaho and a B.S. in Geology from the University of Washington. His work focuses on water rights, litigation support, and groundwater control. He has won ASCE Engineering Excellence Awards for his groundwater control system designs for projects at the U.S. Embassy site in Bogotá, Columbia and at the Boston Central Artery in Boston, MA. Scott is a native Seattleite and enjoys fishing, hiking, and skiing.

Directors

Peter Sturtevant –Pete is a Senior Water Resources Engineer at CH2M Hill in Bellevue. Working primarily on drainage and stream restoration projects, his experience in the fields of water resources and environmental impact assessment has included water supply studies, water quality assessments, flood control, wastewater and water re-use projects. A proud Husky alumnus, Pete enjoys hiking, canoeing, sailing, and other water related activities in the Great Northwest and he bicycled across North America in 2002. Pete co-chaired the AWRA National Conference, which was held in December 1999 in Seattle and has also served as past chapter president.

Stan Miller – Stan is Program Manager for Spokane's regional aquifer protection program. This program works toward integrating the groundwater protection efforts of all municipalities and water purveyors using the Spokane Valley-Rathdrum Prairie Aquifer; the program is administered through the Spokane County Public Works Department, Utility Division. In addition to working on this program at the administrative level, Stan has developed technical information and conducted local studies on the potential impacts of storm water infiltration on ground water quality and the interaction of the Spokane River and the Spokane Valley Aquifer. Away from work, Stan enjoys canoeing, backpacking, running, and working on the restoration of a turn-of-the-century home.

Cindy Baker – Cindy has worked as a public and private sector professional in the Pacific Northwest for more than 20 years. Her experience in water resources began with conducting research in the Cedar River Watershed and continued by managing engineering review (surface water and roads) for King County, co-authoring a *Surface Water Design Manual* and a Sensitive Areas Ordinance, project managing watershed management plans for Pierce County, and managing hydrologic studies, biological assessments and other water resources studies. Ms. Baker holds a Bachelors and Masters degree. She was also appointed by the King County Council to the Water Quality Citizen's Advisory Board. Her goal is to remain in water resources and to actively participate in AWRA.

Cleve Steward -

Jacque Klug- Jacque is a water right permit writer with the Department of Ecology's Water Resources Program. Her experience includes reviewing water right applications, developing agency policy and procedures, and assisting local Water Conservancy Boards. She has a B.A. in Environmental Science from Duke University and a M.S. in Forest Resources from the University of Washington College of Forest Resources. In her leisure time, she enjoys backpacking, skiing, running, and following Duke basketball.

Washington Section AWRA Annual Fall Conference
WATER'S WOVEN WEB: LAND USE PLANNING AND WATER RESOURCE
MANAGEMENT IN WASHINGTON
November 13, 2003 at the Seattle Art Museum

Time	Program Outline
8:00	Registration
8:30	Opening Remarks Conference Co-Chairs, Paul Wetherbee and Cindy Baker President's Message Section President, Anne Savery
8:45	Introductory Speaker Tim Trohinovich, 1000 Friends of Washington: <u>The Growth Management Act and Water Resource Management: Water's Woven Web</u> Moderator – Anne Savery, Tulalip Tribes
9:30	Water and the Developing Environment Moderator – Tim Flynn, Aspect Consulting Randy Middaugh, Snohomish County: <u>Developing Critical Area Ordinances and the Best Available Science</u> David Christensen, Jefferson County: <u>Land Use Planning and Groundwater Water Management</u>
10:40	Break
11:15	Water and Agricultural land use Moderator – Chris Pitre, Golder Associates George Boggs, Whatcom Conservation District. <u>Avoiding Negative Impacts to Water Resource on an Agricultural Landscape - Conservation Planning.</u> Tracy Hames, Yakama Nation. <u>Irrigation, water quality, and floodplain restoration in the lower Yakima River Valley.</u>
12:30	LUNCH
1:45	Section Awards and Annual Report Outstanding Contribution to Washington's Water Resources Peter Sturtevant Fellowship Awards Stan Miller Annual Report Anne Savery
2:15	Water and the developed Environment Moderator – Carolyn Butchart, CH2M Hill Jim Rioux, Washington Department of Health <u>Water Supply Planning and Land Use Management</u> Tim Ramsaur, Pierce County <u>Stormwater Planning and Land Use</u>
3:25	Break
3:50	Keynote Speaker Moderator – Joe Mentor, Mentor Law Group Mark Trahan, The Seattle Post-Intelligencer As Selected by Mark Trahan
4:20	Funding and Prioritization: Water and Land Use Management Moderator – Cindy Baker, Lexington Consulting Jan Rosholt, Gary Struthers and Associates <u>Developing Utility Funding</u>
5:00	Annual Meeting of the Chapter Anne Savery, Section President <u>Election of Officers and Board for 2004</u>

Announcement of Corporate Sponsorship Positions

Washington Section AWRA 2003 Annual Fall Conference

The Washington Section of the AWRA will be hosting its Annual Conference at the Seattle Art Museum on November 13, 2003. The conference, "Water's Woven Web", will explore the intertwined web of water resource management and land use planning in Washington. The Conference Organizing Committee would like to extend to you an excellent opportunity for corporate sponsorship that will provide recognition of your firm in this key forum involving over 150 water resources professionals from our state. To participate, please fill out this form and return it to the address indicated by November 1, 2003 along with a check payable to AWRA Washington Section. If you have any questions, please contact Paul Wetherbee at (425) 462-3746. The AWRA Washington Section is a non-profit organization as defined under section 501(c)(3) of the Internal Revenue Code.

For your records, our Tax Identification Number is 91-1203579.

Yes! We would like to become a Co-Sponsor of the 2003 Washington AWRA Fall Conference.

Enclosed is a check in the amount of \$_____ payable to AWRA Washington Section.

Company Name _____
Address _____
City, State, Zip _____
Contact Name/Title _____
Telephone _____ Email _____

Sponsorship Categories

Contribution Selection (X)

Category 1: - Watershed

\$750_____

- You corporate poster (2'X3') displayed in museum foyer during registration, lunch and breaks
- Prominent recognition of your firm's name & logo on the AWRA Washington Section web site
- Verbal recognition of your firm's support from stage during the morning & afternoon sessions
- Prominent recognition of your firm's support in the conference program packet
- Acknowledgement of your firm's support in the newsletter following the conference
- One complimentary conference registration (\$100 value), includes a 2004 AWRA WA section membership
- Two complimentary registrations for AWRA Washington Section dinner meetings held in 2004

Category 2: - River

\$500_____

- Recognition of your firm's name & logo on the AWRA Washington Section web site
- Recognition of your firm's support in the conference program packet
- Acknowledgement of your firm's support in the newsletter following the conference
- Two 2004 AWRA Washington Section memberships (\$50 value) for two members of your firm
- Two complimentary registrations for AWRA Washington Section dinner meetings held in 2004

Category #3: - Stream

\$250_____

- Recognition of your firm's support in the conference program packet
- Acknowledgement of your firm's support in the newsletter following the conference
- One 2004 AWRA Washington Section membership (\$25 value) for a member of your firm
- One complimentary registration for an AWRA Washington Section dinner meeting held in 2004

I am an authorized agent of the above company and by signing below commit to this sponsorship.

Signature

Title

Date

Mail completed sponsorship form and contribution to:

AWRA Washington Section
Attn. Paul Wetherbee
P.O. Box 2102
Seattle, WA 98111-2102

September Dinner Meeting Review: *The Ethics of Water Use*

Loretta Jancoski, Director of the Center for Water and Ethics at Seattle University, spoke at the AWRA September Dinner Meeting on "Water and Ethics: Breaking the stalemate in solving our water problems in Washington State." Her talk focused on the ongoing conflicts over water resources in the Pacific Northwest and our current inability to resolve them equitably. The Center for Water and Ethics is attempting to provide ethics-based tools and facilitation to help resolve these water-resource issues. The central goal is to create a process in which four ethical norms are considered in all discussions about water management:

- **sustainability** emphasizes that present use should not jeopardize the prospects for future generations,
- **sufficiency** emphasizes a sharing of the resource among the human community and the environment,
- **participation** calls for respect and inclusion of all forms of life in human decisions regarding water use, and
- **solidarity** points to the interdependence of all life forms and encourages a coming together in common cause.

The Center has initiated an effort at implementing the ethics-based approach to the water-resource problems and conflicts of the lower Hood Canal. A group of local people are being introduced to and trained in the approach. It is hoped that they will become active participants in projects and organizations working on their water problems and that they will introduce this ethical approach to the 2514 process in their area.

The discussion following the presentation was lively and covered a wide range of water-resource issues and their ethical implications. The subject provided an interesting departure from our usual technically oriented presentation topics and provided a forum for many of the water-resource professionals present to share their philosophical views on the issue of water use.

Upcoming Events

The Washington Section AWRA holds regular dinner meetings, including a social hour, dinner, and a speaker. Other meetings and conferences are listed on our website, <http://earth.golder.com/waawra>.

October 19-22, 2003. American Institute of Hydrology 2003 Annual Meeting and Conference: "**Achieving Sustainable Water Resources in Areas Experiencing Rapid Growth**, Atlanta Georgia.

October 29-30, 2003. Washington State University "**Getting It Done: The Role of TMDL Implementation In Watershed Restoration.**" <http://www.swwrc.wsu.edu/conference2003/index.html>.

November 4-7, 2003. Fourth Annual **Northwest Salmonid Recovery Conference.** Hosted by Northwest Environmental Training Center. http://www.nwetc.org/salmonid_conf_03.htm

AWRA national, regional, and state conference meeting schedule. <http://www.awra.org/meetings/>.

Washington Hydrologic Society. Monthly meetings. Brian Drost at (253) 428-3600 ext. 2642 (bwdrost@usgs.gov) or Llyn Doremus (360) 592-2632 (ladoremus@aol.com).

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Faculty Advisor: **Derek Booth**

AWRA-Washington Section Annual Conference

“Water’s Woven Web”

Water Resource Management and Land Use Planning in Washington

November 13, 2003

Seattle Art Museum

downtown Seattle

Who should attend: Representatives from all levels of governments, business, and academia, including consultants, tribal communities, attorneys, and concerned citizens involved or interested in water resources in the state of Washington.

-----detach & mail with registration-----

Washington AWRA 2003 Annual Conference Registration

- Pre-registration (includes year 2004 State Section membership) - \$100
- Student pre-registration (includes year 2004 State Section Membership) - \$45
- Walk-ins will be accepted subject to space limitations (includes year 2004 State Section Membership) - \$125

Name _____ Title _____
Affiliation _____
Street Address _____
City _____ State _____ Zip _____
Phone (_____) _____ Fax (_____) _____
E-Mail _____@_____

Please check here if you do not want to be on the list of attendees provided at registration.

<p><u>Checks only.</u> Please make payable to: "AWRA Washington Section".</p> <p><u>No credit cards or purchase orders, please.</u> Refunds up to November 6, 2003, less a \$40 administration fee.</p>	<p>Please mail checks by Friday November 7, 2003 to:</p> <p>WA AWRA Conference Registration</p> <p>CH2M HILL c/o Carolyn Butchart P.O. Box 91500 Bellevue, WA 98009</p>
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For questions regarding the Conference, contact conference Registrar Carolyn Butchart by phone: (425) 233-3297 or email: cbutchar@ch2m.com

2004 Membership Application / Change of Address Form

(⌂ please circle, as appropriate ↗)

Annual membership in the state chapter costs \$25.

(If you attend the 2003 November Conference, your conference registration includes 2004 membership.)

Name _____ Position _____ Affiliation _____

Street Address _____ City _____ State _____ Zip _____

Phone(_____) _____ Fax(_____) _____ E-mail _____ @ _____

Please indicate if you prefer to receive your newsletter electronically.

Check -----if----- you would like to be actively involved on a committee.
You will be contacted by one of the board members.

2003 Membership Dues: \$25.00. **Checks only.** Please make check payable to **AWRA Washington**

Section.

Mail to: American Water Resources Assoc. WA. Chapter
P.O. Box 2102
Seattle, WA 98111-2102

The American Water Resources Association is a scientific and educational non-profit organization established to encourage and foster interdisciplinary communication among persons of diverse backgrounds working on any aspect of water resources disciplines. Individuals interested in water resources are encouraged to participate in the activities of the Washington Section.

Special thanks to Golder Associates Inc. for document processing and graphics support on this newsletter.

American Water Resources Association, Washington Section
P.O. Box 2102
Seattle, WA 98111-2102

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